INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of |9

| Co | ompl te if Known | 젊 | |
|------------------------|------------------|-------------|---|
| Application Number | 09/886,296 | 2 | _ |
| Filing Date | 06/21/2001 | C | (|
| First Named Inventor | Thomas E. TARARA | <u> </u> | 7 |
| Group Art Unit | 1615 1616 | 11 | 7 |
| Examiner Name | BAWA | | |
| Attorney Docket Number | 0054.10 | 60 | 7 |

| Ь | EMAR | | | | U.S. PATENT DOCU | MENTS | 90 |
|-----|----------------------|--------------|-----------|---|---|--|---|
| | Examiner Initials | Cite No.1 | l Number | Cument Kind Code ² (# known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | apr | 1 | 4,397,799 | | Edgren et al. | 08/09/1983 | |
| • | 14 | 2 | 5,855,913 | | Hanes et al. | 01/05/1999 | |
| | ANY. | 3 | 5,308,620 | | Yen | 05/03/1994 | |
| | 4 | 4 | 5,616,311 | | Yen | 04/01/1997 | |
| | 900) | 5 | 5,898,028 | | Jensen et al. | 04/27/1999 | |
| | 90, | 6 | 5,654,007 | | Johnson et al. | 08/05/1997 | |
| | | 7 | 5,667,809 | | Trevino et al. | 09/16/1997 | |
| | 40 | 8 | 5,770,585 | | Kaufman et 'al. | 06/23/1998 | |
| | 10 | 9 | 5,605,673 | | Schutt et al. | 02/25/1997 | |
| I | | 10 | 5,562,608 | | Sekins et al. | 10/08/1996 | |
| | | 11 | 5,770,187 | | Hasebe et al. | 06/23/1998 | |
| - [| $\perp L$ | 12 | 5,766,573 | | Purewal et al. | 06/16/1998 | |
| | | 13 | 5,755,218 | | Johansson et al. | 05/26/1998 | |
| I | | 14 | 5,744,123 | | Akehurst et al. | 04/28/1998 | |
| - [| | 15 | 5,743,252 | | Rubsamen et al. | 04/28/1998 | |
| | طاله | 16 | 5,743,250 | | Gonda et al. | 04/28/1998 | |
| Ī | 43 | 17 | 5,741,522 | | Violante et al. | 04/21/1998 | |
| ı | 9h | 18 | 5,741,478 | | Osborne et al. | 04/21/1998 | |
| | | 19 | 5,506,203 | | Backstrom et al. | 04/09/1996 | |
| | ah | 20 | 5,736,124 | | Akehurst et al. | 04/07/1998 | |

| | | | | FORE | IGN PATENT DOCUMEN | TS | | |
|----------------------|------|--------|-------------------|--------------------------------------|--|--|--|----|
| Examiner Initials | No.1 | Office | Foreign Patent Do | Kind Code ⁵ (If known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | To |
| 1/2 | 99 | wo | 96/26746 | | | 09/06/1996 | | |
| 40 | 100 | wo | 98/08519 | | * | 03/05/1998 | | |
| 43 | 101 | wo | 98/05302 | | | 02/12/1998 | | |
| 40 | 102 | wo | 98/01161 | | | 01/15/1998 | | |
| 40 | 103 | wo | 97/44013 | | | 11/27/1997 | | |
| 4h | 104 | wo | 97/44012 | | | 11/27/1997 | | |
| 4 | 105 | wo | 98/17257 | | | 04/30/1998 | | |
| 40 | 106 | wo | 97/36578 | | \ • | 10/09/1997 | | |
| W | 107 | wo | 97/36574 · | | | 10/09/1997 | | |
| 43 | 108 | WΩ | 97/35562 | | | 10/02/1997 | | |

| | \ | | |
|--|----|------------|--------|
| Examiner \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | Date | 2/2/02 |
| Signature | V(| Considered | 3//107 |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.



| • | | | | | - 4 | $\overline{}$ |
|--------|--------|--------|---------|-------------|-----|---------------|
| Please | type a | plus s | ign (+) | Inside this | Ьq | + |
| | | | | | | |

PTO/SB/08A (10-96)

Please type a plus sign (+) inside this by

+

Patent and Tradentark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Sheet

ENTS TRADEN

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of |9 ·

| C | omplete if Known | | |
|------------------------|------------------|-------------------------|---------|
| Application Number | 09/886,296 | H | |
| Filing Date | 06/21/2001 | 우 | |
| First Named Inventor | Thomas E. TARARA | $\overline{\mathbb{C}}$ | <u></u> |
| Group Art Unit | 1615 | | |
| Examiner Name | | | 2 |
| Attorney Docket Number | 0054.10 | Ήį. | 0 |

| | | | | | U.S. PATENT DOC | UMENTS |)/2 |
|-----------------|------------|--------------|---------------|---|---|--|-------------------|
| Exam Initial | niner s | Cite No.1 | U.S. Patent (| Cocument Kind Code ² (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, L |
| 10 | 4 | 21 | 5,735,263 | | Rubsamen et al. | 04/07/1998 | |
| | I_{-} | 22 | 5,725,871 | | Illum | 03/10/1998 | |
| | | 23 | 5,744,166 | | Illum | 04/28/1998 | |
| | | 24 | 5,725,841 | | Duan et al. | 03/10/1998 | |
| | | 25 | 5,724,957 | | Rubsamen et al. | 03/10/1998 | |
| | | 26 | 5,720,940 | | Purewal et al. | 02/24/1998 | |
| | | 27 | 5,718,222 | | Lloyd et al. | 02/17/1998 | |
| | | 28 | 5,718,921 | | Mathiowitz et al. | 02/17/1998 | |
| | | 29 | 5,707,352 | | Sekins et al. | 01/13/1998 | |
| | | 30 | 5,695,744 | | Neale et al. | 12/09/1997 | |
| Ш | | 31 | 5,695,743 | | Purewal et al. | 12/09/1997 | |
| | | 32 | 5,690,954 | | Illum | 11/25/1997 | |
| | | 33 | 5,688,782 | | Neale et al. | 11/18/1997 | |
| | | 34 | 5,683,677 | | Purewal et al. | 11/04/1997 | |
| | | 35 | 5,683,676 | | Akehurst et al. | 11/04/1997 | |
| | | 36 | 5,681,545 | | Purewal et al | 10/28/1997 | |
| | | 37 | 5,676,929 | | Akehurst et al. | 10/14/1997 | |
| | | 38 | 5,674,473 | | Purewal et al. | 10/07/1997 | |
| | | 39 | 5,674,472 | | Akehurst et al. | 10/07/1997 | |
| 4 | カ | 40 | 5.674,471 | | Akehurst et al. | 10/07/1997 | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | | | | |
|--------------------------|-----|--------------------------|--------|---|--|--|--|--|----|--|--|
| Examine Initials* | | Cite No. ¹ | Office | Foreign Patent Document Kind Co ffice ³ Number ⁴ (if know | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Τ6 | | |
| us | i | 09 | wo | 96/19968 | | | 07/04/1996 | | П | | |
| 140 | 1 | 10 | 7 | 96/19198 | | | 06/27/1996 | | | | |
| -20 | 31 | 11 | wo | 96/19197 | | | 06/27/1996 | | | | |
| 90 | 7 1 | /12 | wo | 96/18388 | | - | 06/20/1996 | | | | |
| gy. | 1 | 13 | wo | 96/15814 | | | 05/30/1996 | | | | |
| A B A | 71 | 14 | wo | 96/09814 | | | 04/04/1996 | | | | |
| 123 | 1 | 15 | wo | 95/23613 | | | 09/08/1995_ | | | | |
| do | 1 | 16 | wo | 95/31964 | | | 11/30/1995 | | | | |
| 999 | l | 17 | wo | 95/31182 | | | 11/23/1995 | | | | |
| S | 11 | 18 | lwo | 95/27476 | | | 10/19/1995 | | | | |

| Examiner Signature S & | Date Considered | 3/7/07 |
|------------------------|--------------------|--------|
|------------------------|--------------------|--------|

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| • | | | | | | | | - |
|--------|--------|---------|-------|--------------|---------|--------|-----|---|
| Please | hone : | antine. | einn | / 4 \ | incida | thir | h- | |
| L16920 | rypo s | a hine | Silin | " | 1112100 | 111112 | UQ. | |
| | | | | | | | 4 | |

PTO/SB/08A (10-96)
Ved for use through 10/31/99. OMB 0651-0031
Patent and Trade hark Office: U.S. DEPARTMENT OF COMMERCE

1 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information onless it contains a valid OMB control number.

| Substitute for form 1449A/P | го |
|-----------------------------|----|
| | |

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

heet 3 of 9

| C | omplete if Known | Ħ | |
|------------------------|------------------|-------------|-------------|
| Application Number | 09/886,296 | \Box | |
| Filing Date | 06/21/2001 |) (| |
| First Named Inventor | Thomas E. TARARA | | \subseteq |
| Group Art Unit | 1615 | П | - No. |
| Examiner Name | | 35 | - |
| Attorney Docket Number | 0054.10 | <u>1</u> 60 | 20 |

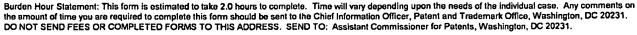
| U.S. PATENT DOCUMENTS | | | | | | 290 |
|-----------------------|--------------|---------------|--|---|--|---|
| Examiner Initials* | Cite No.1 | U.S. Patent D | Nocument Kind Code ² (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Coas, Where Relevant Passages or Relevant Figures Appear |
| 000 | 41 | 5,658,549 | | Akehurst et al. | 08/19/1997 | |
| | 42 | 5,653,962 | | Akehurst et al. | 08/05/1997 | |
| | 43 | 5,635,161 | | Adjei et al. | 06/03/1997 | |
| | 44 | 5,635,159 | | Fu Lu et al. | 06/03/1997 | |
| | 45 | 5,605,674 | | Purewal et al. | 02/25/1997 | |
| | 46 | 5,580,575 | | Unger et al. | 12/03/1996 | |
| | 47 | 5,569,450 | | Duan et al. | 10/29/1996 | |
| | 48 | 5,518,731 | | Meadows | 05/21/1996 | |
| 801 | 49 | 5,518,709 | | Sutton et al. | 05/21/1996 | |
| W. | 50 | 5,518,998 | | Backstrom et al. | 05/21/1996 | |
| 7 | 51 | 5,492,688 | | Byron et al. | 02/20/1996 | |
| | 52 | 5,490,498 | | Faithfull et al. | 02/13/1996 | |
| | 53 | 5,474,759 | | Fassberg et al. | 12/12/1995 | |
| | 54 | 5,470,885 | | Fuhrman et al. | 11/28/1995 | |
| | 55 | 5,437,272 | | Fuhrman | 08/01/1995 | |
| | 56 | 5,376,359 | | Johnson | 12/27/1994 | |
| | 57 | 5,348,730 | | Greenleaf et al. | 09/20/1994 | |
| | 58 | 5,299,566 | | Davis et al. | 04/05/1994 | |
| | 59 | 5,284,656 | | Platz et al. | 02/08/1994 | |
| 48 | 60 | 5,260,306 | | Boardman et al. | 11/09/1993 | |

| | | | | FORE | IGN PATENT DOCUMEN | TS | | |
|----------------------|--------------|--|----------|------------------------|--|--|--|----|
| Examiner Initials | Cite No.1 | Cite Foreign Patent Document Kind Code ⁵ | | Kind Code ⁵ | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T⁵ |
| Cala | 119 | wo | 95/24892 | | | 09/21/1995 | | |
| | 120 | wo | 95/17195 | | | 06/29/1995 | | |
| - | 121 | wo | 95/15118 | | | 06/08/1995 | | |
| | 122 | wo | 94/08627 | | | 04/28/1994 | | |
| | 123 | wo | 93/14172 | | | 07/22/1993 | | |
| | 124 | wo | 93/11745 | | | 06/24/1993 | | |
| | 125 | wo | 93/11744 | | | 06/24/1993 | | Τ. |
| | 126 | wo | 92/14444 | | | 09/03/1992 | | |
| 1 | 127 | wo | 91/12823 | | | 09/05/1991 | | |
| LAG | 128 | EP | 0658101 | | | 06/21/1995 | | |

| | | 1 | _ |
|-----------------------|---------|------------------------|---|
| Examiner Signature | I'me sa | Date Considered 3/7/07 | |
| | | | _ |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



Please type a plus sign (+) inside this b

+

Patent and Tradernark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of |9 Sheet 4

| Co | omplete if Known | EH. | |
|------------------------|------------------|------|---|
| Application Number | 09/886,296 | 3 | _ |
| Filing Date | 06/21/2001 | 2 | |
| First Named Inventor | Thomas E. TARARA | TT. | C |
| Group Art Unit | 1615 | | _ |
| Examiner Name | | 8 | L |
| Attorney Docket Number | 0054.10 | 0/29 | |

| | U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|---------------|--|---|--|--|--|
| Examiner Initials* | Cite No.1 | U.S. Patent D | Cocument Kind Code ² (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| 90 | 61 | 5,230,884 | | Evans et al. | 07/27/1993 | | |
| | 62_ | 5,225,183 | | Purewal et al. | 07/06/1993 | | |
| | 63 | 5,208,226 | | Palmer | 05/04/1993 | | |
| | 64 | 5,190,029 | | Byron et al. | 03/02/1993 | | |
| | 65 | 5,182,097 | | Byron et al. | 01/26/1993 | | |
| | 66 | 5,173,298 | | Meadows | 12/22/1992 | | |
| | 67 | 5,126,123 | | Johnson | 06/30/1992 | | |
| | 68 | 5,118,494 | | Schultz et al. | 06/02/1992 | | |
| | 69 | 5,011,678 | | Wang et al. | 04/30/1991 | | |
| | 70 | 4,590,206 | | Forrester et al. | 05/20/1986 | | |
| | 71 | 5,653,961 | | McNally et al. | 08/05/1997 | | |
| | 72 | 5,770,559 | | Manning et al. | 06/23/1998 | | |
| | 73 | 5,770,222 | | Unger et al. | 06/23/1998 | | |
| | 74 | 5,747,445 | | Backstrom et al. | 05/05/1998 | | |
| | 75 | 5,830,853 | | Backstrom et al. | 11/03/1998 | | |
| | 76 | 5,874,063 | | Briggner et al. | 02/23/1999 | | |
| | 77 | 5,254,330 | | Ganderton et al. | 10/19/1993 | | |
| | 78 | 5,891,844 | | Hafner | 04/06/1999 | | |
| | 79 | 4,904,479 | | Illum | 02/27/1990 | | |
| (42) | 80 | 5,804,212 | | Illum | 09/08/1998 | : | |

| | FOREIGN PATENT DOCUMENTS | | | | | | | | |
|----------------------|--------------------------|---|---------|-----|--|--|--|-------|--|
| Examiner Initials | Cite No.1 | Foreign Patent Document Kind Code ³ Office ³ Number ⁴ (# known) | | | | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T⁵ | |
| Wa | 129 | EP | 0616525 | | | 09/27/1995 | | | |
| | 130 | EP | 0605578 | | | 01/10/1996 | | | |
| | 131 | EP | 0588897 | • 1 | | 02/28/1996 | | | |
| | 132 | EP | 0587790 | | | 01/03/1996 | | | |
| | 133 | EP | 0556256 | | | 08/30/1995 | | | |
| | 134 | EP | 0553298 | | | 11/17/1994 | | I^- | |
| | 135 | | 0536235 | | | 01/22/1997 | | | |
| | 136 | EP | 0536204 | | | 04/06/1994 | | | |
| | 137 | EP | 0513127 | | | 07/19/1995 | | I | |
| 0 | 138 | EP | 0499344 | | | 10/11/1995 | | T | |

| | Examiner | 16209 | Date 3/ | 1/07 |
|---------------------|----------|-------|------------|------|
| Signature 3-2-3-3-3 | | | Considered | |

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| Please type a plus sign (+) inside this bo |
|--|
|--|

PTO/SB/08A (10-96) oved for use through 10/31/99. OMB 0651-0031

| | Patent and Tradetnant Office: U.S. DEPARTMENT OF COMMERCE |
|---|---|
| Under the Paperwork Reduction Act of 1995, no persons are required to res | spond to a collection of information unless it contains a valid OMB control number. |
| | |

Substitute for form 1449A/PTO

Examiner Cite

JUL 17 2001

ENT & TRADE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of |9

U.S. Patent Document

| Co | omplete if Known | LEC. | |
|------------------------|------------------|---|----------|
| Application Number | 09/886,296 | ======================================= | _ |
| Filing Date | 06/21/2001 | <u> </u> | _ |
| First Named Inventor | Thomas E. TARARA | _ { | 7 |
| Group Art Unit | 1615 | - 47 | |
| Examiner Name | | | <i>V</i> |
| Attorney Docket Number | 0054.10 | 300, | 003 |

Pages, Columns, Lines,

| , | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | |
|---|---|--|--|
| | Illum | 01/26/1999 | |
| | de Haan et al. | 05/26/1998 | |
| | D - ' - L 1 | 02/19/1007 | |

U.S. PATENT DOCUMENTS

| Examiner Initials* | No.1 | Number | Kind Code ² (# known) | Name of Patentee or Applicant of Cited Document | Cited Document MM-DD-YYYY | Where Relevant Passages or Relevant Figures Appear |
|-----------------------|------|-----------|----------------------------------|---|---------------------------|--|
| 42 | 81 | 5,863,554 | | Illum | 01/26/1999 | |
| | 82 | 5,756,104 | | de Haan et al. | 05/26/1998 | |
| | 83 | 5,612,053 | | Baichwal | 03/18/1997 | |
| | 84 | 5,817,293 | | Akehurst et al. | 10/06/1998 | |
| | 85 | 5,308,620 | | Yen | 05/03/1994 | |
| | 86 | 5,616,311 | | Yen | 04/01/1997 | |
| 45 | 87 | 5,547,656 | | Unger | 08/20/1996 | |
| W | 88 | 5,830,430 | | Unger et al. | 11/03/1998 | |
| | 89 | 5,814.607 | | Patton | 09/29/1998 | |
| | 90 | 5,855,913 | | Hanes et al. | 01/05/1999 | |
| | 91 | 5,874,064 | | Edwards et al. | 02/23/1999 | |
| | 92 | 5,856,367 | | Barrows et al. | 01/05/1999 | |
| | 93 | 5,811,406 | | Szoka Jr. et al. | 09/22/1998 | |
| | 94 | 5,858,784 | | Debs et al. | 01/12/1999 | |
| | 95 | 5,820,883 | | Tice et al. | 10/13/1998 | |
| | 96 | 3,014,844 | | Thiel et al. | 12/26/1961 | |
| | 97 | 4,818,542 | | DeLuca et al. | 04/04/1989 | |
| 95 | 98_ | 5,069,936 | | Yen | 12/03/1991 | |
| | | | | | | |
| | | | | [| | • |

| | | | | FOR | EIGN PATENT DOCUMENT | rs | | | |
|-----------------------|--------------|--------|--|-----|--|------------|--|--|----|
| Examiner Initials' | Cite No.1 | Office | Foreign Patent Document Kind Code ⁵ Number ⁴ (ff known) | | Kind Code ⁵ Name of Patentee or | | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Т8 |
| | | EP | 0493437 | | | 08/02/1995 | | | |
| 400 | 140 | EP | 0391896/ | | | 03/02/1994 | | | |
| las | 141 | EP | 0372777 | | | 01/07/1993 | | | |
| 40 | 142 | EP | 0653205 | | | 05/17/1995 | | | |
| 49 | 143 | EP | 0656206 | | | 06/07/1995 | | | |
| US. | 144 | EP | 0611567 | | | 08/24/1994 | | | |
| 70 | 145 | | 0274431 | | | 07/13/1988 | | | |
| | 146 | EP | 2136704 | | | 05/28/1995 | | E | |
| c/di | 147 | EP | 0655237 | | | 05/31/1995 | | | |
| 40 | 148 | CA | 2036844 | | | 08/23/1991 | | T | |

not submitted

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

JUL 1 7 2001

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

| ! | (use | as many | shee | ts a | s necessary) |
|-------|------|---------|------|------|--------------|
| Sheet | 6 | | | of | 9 |

| Ce | omplete if Known | 표 |
|------------------------|------------------|-------|
| Application Number | 09/886,296 | 유 |
| Filing Date | 06/21/2001 | C |
| First Named Inventor | Thomas E. TARARA | |
| Group Art Unit | 1615 | THE T |
| Examiner Name | | ж . |
| Attorney Docket Number | 0054.10 | 8 8 |

| | U.S. PATENT DOCUMENTS | | | | | | | | |
|----------------------|--------------------------|----------------------|-----------------------------------|---|--|--|--|--|--|
| Examiner Initials | Cite No. ¹ | U.S. Paten Number | Kind Code ² (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | |
| | | | | | | ······································ | | | |
| | | | | | <u> </u> | | | | |
| | | | | | _ _ | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | · | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | \longrightarrow | | | | | | |
| ļ | | | \longrightarrow | | | | | | |
| | | | | | 4 | | | | |
| | - | | $\overline{}$ | | | | | | |
| | | | | | - | | | | |
| | | | - | | | | | | |
| | | | - | | † • † | | | | |
| | | | | | | | | | |
| | | | | • | | | | | |

| | | | | | | | FOR | EIGN PATENT DOCUMENT | S | | |
|---|----------------------|---------------|--------------|--------|------------------|------|-------------------|--|--|--|----|
| | Examiner Initials | | Cite No.1 | Office | Foreign Patent [| Kind | Code ⁵ | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant | Τ0 |
| | | | | | | (π κ | nown) | | MM-DD-YYYY | Figures Appear | 11 |
| | 1 | 9 | 149 | WO | 98/33487 | | | | 08/06/1998 | | |
| √ | de | \mathcal{U} | 150 | wo | 98/31346 | | | | 07/23/1998 | | |
| ٠ | | | 151 | wo | 98/33480 | | | | 08/06/1998 | | |
| | | | 152 | wo | 98/30207 | | | | 07/16/1998 | | |
| | | | 153 | wo | 98/13031 | | | | 04/02/1998 | | |
| | | | 154_ | wo | 95/00128 | | | | 01/05/1995 | · | |
| | | | 155 | wo | 96/19199 | | | | 06/27/1996 | | |
| | | Ι | 156 | wo | 98/29099 | | | | 07/09/1998 | | |
| | | | 157 | wo | 99/06026 | | | | 02/11/1999 | | |
| | 4 | 6 | 158 | wo | 97/03649 | | | | 02/06/1997 | | T |

| Examiner Signature | Pulsal | Date Considered | 3/2/07 |
|-----------------------|----------|-----------------|--------|
| Signature | J-0-10-1 | Considered | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



| Please | type | a plus | sign | (+) | inside | this | | + |
|--------|------|--------|------|-----|--------|------|--|---|
|--------|------|--------|------|-----|--------|------|--|---|

PTC/SB/08A (10-95)

+ Patent and Tractmark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control auchber.

| OIPE | |
|--------------|--------|
| JUL 1 7 2001 | C22 3: |
| PATE TO THE | Ž, |

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

| | • | • | | | |
|-------|---|---|------|----|--|
| | | | | | |
| | | | | | |
| Sheet | l | | l of | 1_ | |
| | | | | | |

| C | omplet if Known | EH. | |
|------------------------|------------------|------|----|
| Application Number | 09/886,296 | 3 | 2 |
| Filing Date | 06/21/2001 | IN | 7 |
| First Named Inventor | Thomas E. TARARA | Ē | ~ |
| Group Art Unit | 1615 | - | |
| Examiner Name | | 8 | n |
| Attorney Docket Number | 0054.10 | 0/29 | P7 |

| | U.S. PATENT DOCUMENTS | | | | | | | | |
|----------------------|-----------------------|----------------------|-----------------------------------|---|--|--|--|--|--|
| Examiner Initials | Cite No.1 | U.S. Pater Number | Kind Code ² (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | \longrightarrow | | | · · · · · · · · · · · · · · · · · · · | | | |
| | | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | , | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| | | | | | | FOR | EIGN PATENT DOCUMENT | rs | | |
|-----------------------|-------|----------------|--------|---|---|--|--|--|----------------|--|
| Examiner Initials* | | r Cite No.1 | Office | Foreign Patent Document Kind Code ⁵ Office ³ Number ⁴ (# known) | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Т6 | |
| 1 | 1 667 | 159 | wo | 92/18164 | / | | | 10/29/1992 | гідигез Арреат | |
| V | W | 160 | | 97/40819 | 7 | | | 11/06/1997 | | |
| | T | 161 | wo | 91/11173 | | | | 08/08/1991 | | |
| | | 162 | wo | 92/00107 | | | | 01/09/1992 | | |
| | | 163 | wo | 96/32149 | | | • • | 10/17/1996 | | |
| | | 164 | wo | 96/40068 | | | - | 12/19/1996 | | |
| | | 165 | wo | 97/41833 | | | | 11/13/1997 | | |
| | | 166 | wo | 98/16205 | | | | 04/23/1998 | | |
| | | 167 | wo | 98/29098 | | | | 07/09/1998 | | |
| | GU | 1168 | wo | 98/29140 | | | | 07/09/1998 | | |

| | | | |
|-----------------------|--------|--------------------|--------|
| Examiner Signature | rel St | Date Considered | 3/7/07 |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO 1

Sheet |8

JUL 1 7 2001

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of |9

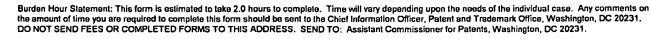
| Ce | omplete if Known | 2 | |
|------------------------|------------------|----------|-----|
| Application Number | 09/886,296 | C | ح |
| Filing Date | 06/21/2001 | | _ |
| First Named Inventor | Thomas E. TARARA | I | _ 2 |
| Group Art Unit | 1615 | _ | - |
| Examiner Name | | 6 | 7 |
| Attorney Docket Number | 0054.10 | 90% | 0 |

| | U.S. PATENT DOCUMENTS | | | | | | |
|---------------|-----------------------|------------|-----------------------------------|-------------------------------|--|--|--|
| xaminer | Cite | U.S. Paten | t Document | Name of Patentee or Applicant | Date of Publication of | Pages, Columns, Lines, Where Relevant | |
| nitials* | No.¹ | Number | Kind Code ² (if known) | of Cited Document | Cited Document MM-DD-YYYY | Passages or Relevant Figures Appear | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| } | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | · | | | <u> </u> | | |

| | FOREIGN PATENT DOCUMENTS | | | | | | | | | |
|----------------------|--------------------------|---------------------|-------------------|--------------------------------------|--|--|--|----|--|--|
| Examiner Initials | Cite No. ¹ | Office ³ | Foreign Patent Do | Kind Code ⁵ (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Тę | | |
| Coop | 169 | wo | 95/05194 | | | 02/23/1995 | | | | |
| 4g | 170 | wo | 98/29097 | | | 07/09/1998 | | | | |
| CHR | 171 | wo | 98/00111 | | | 01/08/1998 | | | | |
| Sp | 172 | wo | 91/04011 | | | 04/04/1991 | | | | |
| 36 | 173 | EP | 0539522 | - | | 12/30/1998 | | 1 | | |
| Ga | 174 | wo | 98/41188 | | | 09/24/1998 | | 廿 | | |
| CO | 175 | wo | 92/11050 | | | 07/09/1992 | | | | |
| 12 0 | 176 | wo | 91/16882 | | LIPOSOME TECHNOLOG | 11/14/1991 | | | | |
| CHA | 177 | wo | 99/32083 | | OUADRANT | 07/01/1999 | | | | |

| | | <u> </u> | |
|-----------------------|--------|--------------|-------------|
| Examiner Signature | Selson | Date Conside | ered 3/7/07 |

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | PTO/SB/08A (10-96 |
|--|---------------------------|
| roved for use through | 10/31/99. OMB 0651-0031 |
| tent and Trademark Office: U.S. DEPA | RTMENT OF COMMERCE |
| tion of information unless it contains a | valid OMB control number. |

Pages, Columns, Lines, Where Relevant Passages or Relevant

т

Under the Paperwork Reduction Act & 1995, no persons are required to respond to a collect

| • | roved for use through 10 Patent and Trademark Office: U.S. DEPART |
|---|---|
| | Patent and Trademark Office: U.S. DEPART |
| | ٠. |

| Substitute for form 1449A/PTO | |
|-------------------------------|-----|
| | |
| INFORMATION | DIC |

Please type a plus sign (+) inside this

INFORMATION DISCLOSURE TATEMENT BY APPLICANT

(use as many sheets as necessary)

of |9

| Complete if Known | | | | | | | | |
|------------------------|------------------|----|--|--|--|--|--|--|
| Application Number | 09/886,296 | 7 | | | | | | |
| Filing Date | 06/21/2001 | = | | | | | | |
| First Named Inventor | Thomas E. TARARA | 3 | | | | | | |
| Group Art Unit | 1615 | 3 | r | | | | | |
| Examiner Name | | 五 | 7 | | | | | |
| Attorney Docket Number | 0054.10 | 16 | 2 | | | | | |

ILS DATENT DOCUMENTS

| | | | | U.S. PATENT DOC | | |
|-------------|----------|------------|--------------------------------------|-------------------------------|------------------------------|---|
| xaminer | Cite | U.S. Pater | t Document | Name of Patentee or Applicant | Date of Publication of | Pages, Columns, Lines Where Relevant |
| nitials | No.1 | Number | Kind Code ² (If known) | of Cited Document | Cited Document MM-DD-YYYY | Passages or Relevant Figures Appear |
| | | | | | | · · · · · · · · · · · · · · · · · · · |
| 1 | | | | | | |
| | | | | " | | |
| | | | | | | |
| | | | | | | |
| | | | | | <u> </u> | |
| | \dashv | | | | | |
| + | | | | | | |
| | | | - | | | |
| | | | | | | ····· |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | · | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Î | Î | | | | | |
| | | | | | | |
| | | | | | - | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials | Cite No.1 | Office ³ | Foreign Patent Do Number ⁴ | cument Kind Code ⁵ (<i>If known</i>) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | | |
|----------------------|--------------|---------------------|--|---|--|--|---|--|
| as | 178 | EP 0 | 655237 | | HOESCHT | 05/31/1995 | ĺ | |
| CHA | 179 | WO 9 | 7/26863 | | BYK GULDEN | 07/31/1997 | ĺ | |
| 0,09 | 180 | EP 0 | 372777 | | RIKER LABORATORIES | 06/13/1990 | ĺ | |
| 96 | 181 | wo 9 | 8/07414 | | RESEARCH TRIANGLE | 02/26/1998 | ĺ | |
| } | 182 | | 3008753 | | UCB | | ĺ | |
| | 183 | GB 9 | 1 263780 | | GLAXO GROUP | | l | |
| | 184 | GB 9 | 2025196 | | GLAXO GROUP | | l | |
| | | | | | | | ļ | |
| | | | | | | | ļ | |
| | | I I | | | | | ı | |

| Examiner Signature Date Considered 317 07 | |
|---|--|
|---|--|

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.